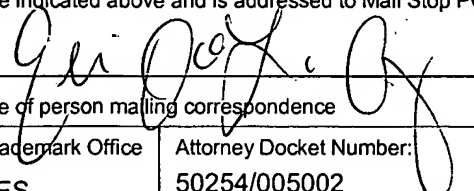
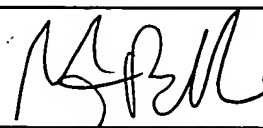


| Certificate of Mailing   |   |  |
|--|---|--|
| Date of Deposit: <u>March 28, 2005</u>   |   | Label Number: <u>EV 271833144 US</u>   |
| I hereby certify under 37 C.F.R. § 1.10 that this correspondence is being deposited with the United States Postal Service as <b>Express Mail Post Office to Addressee</b> with sufficient postage on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. |   |  |
| <u>Elvis De LaCruz</u>   |   |  |
| Printed name of person mailing correspondence  |   | Signature of person mailing correspondence   |
| Substitute Form PTO 1390 U.S. Department of Commerce Patent and Trademark Office   |   | Attorney Docket Number:<br><b>50254/005002</b>                                     |
| TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br>CONCERNING A FILING UNDER 35 U.S.C. § 371   |   | U.S. Application Number:<br>Not yet assigned                                       |
| INTERNATIONAL APPLICATION NUMBER   | INTERNATIONAL FILING DATE   | PRIORITY DATE CLAIMED  |
| PCT/US2003/030965  | September 29, 2003  | September 27, 2002   |
| TITLE OF INVENTION:  | MICROFLUIDIC DEVICE FOR CELL SEPARATION AND USES THEREOF  |  |
| APPLICANTS FOR DO/EO/US:   | Mehmet Toner et al.   |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |   |  |
| 1.   | <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.  |  |
| 2.   | <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. § 371.  |  |
| 3.   | <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. § 371(f)).   |  |
| 4.   | <input checked="" type="checkbox"/> The U.S. has been elected.  |  |
| 5.   | A copy of the International Application (35 U.S.C. § 371(c)(2)).<br><input type="checkbox"/> a. is transmitted herewith (required only if not transmitted by the International Bureau).<br><input type="checkbox"/> b. has been transmitted by the International Bureau.<br><input checked="" type="checkbox"/> c. is not required, as the application was filed with the United States Receiving Office (RO/US).   |  |
| 6.   | An English language translation of the International Application into English (35 U.S.C. § 371(c)(2)).<br><input type="checkbox"/> a. is transmitted herewith.<br><input type="checkbox"/> b. has been previously submitted under 35 U.S.C. 154(d)(4).  |  |
| 7.   | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)).<br><input type="checkbox"/> a. are transmitted herewith (required only if not transmitted by the International Bureau).<br><input type="checkbox"/> b. have been transmitted by the International Bureau.<br><input type="checkbox"/> c. have not been made; however, the time limit for making such amendments has NOT expired.<br><input checked="" type="checkbox"/> d. have not been made and will not be made. |  |
| 8.   | <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. § 371(c)(3)).  |  |
| 9.   | <input checked="" type="checkbox"/> An oath or declaration of the inventors (35 U.S.C. § 371(c)(4)). (unsigned)   |  |
| 10.  | <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371 (c)(5)).  |  |
| 11.  | <input type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. §§ 1.97 and 1.98.  |  |
| 12.  | <input type="checkbox"/> An assignment for recording. A separate cover sheet in compliance with 37 C.F.R. §§ 3.28 and 3.31 is included.   |  |
| 13.  | <input checked="" type="checkbox"/> A preliminary amendment.  |  |
| 14.  | <input type="checkbox"/> A substitute specification.  |  |
| 15.  | <input type="checkbox"/> A power of attorney and/or change of address letter.   |  |
| 16.  | <input type="checkbox"/> Request for Deferred Examination.  |  |
| 17.  | <input checked="" type="checkbox"/> Application Data Sheet.   |  |
| 18.  | <input checked="" type="checkbox"/> Other items or information: Postcard  |  |

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|---|---|--|---------|---|----|
| 19.   | <input checked="" type="checkbox"/> The following fees are submitted: |  |         |   |    |
| Basic National Stage Fee: \$300   |   |  |         | \$300.00  |    |
| National Stage Search Fee   |   |  |         | \$100.00  |    |
| Search fee (37 C.F.R. § 1.445(a)(2)) has been paid on the international application to the USPTO as an International Search Authority: \$100  |   |  |         |   |    |
| International Search Report prepared and provided to the Office: \$400  |   |  |         |   |    |
| All other situations: \$500   |   |  |         |   |    |
| National Stage Examination Fee  |   |  |         | \$200.00  |    |
| If International preliminary examination report prepared by USPTO and all claims satisfied provisions of PCT Articles 33(1)-(4): \$100  |   |  |         |   |    |
| All other situations: \$200   |   |  |         |   |    |
| Surcharge of \$130 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 C.F.R. § 1.492(e)).  |   |  |         |   |    |
| CLAIMS  | NUMBER FILED  | NUMBER EXTRA   | RATE    |   |    |
| Total claims  | 110 - 20 =  | 90   | x \$50  | \$4500.00   |    |
| Independent claims  | 18 - 3 =  | 15   | x \$200 | \$3000.00   |    |
| Multiple dependent claims (if applicable)   |   |  | + \$360 | \$ 360.00   |    |
| Application Size Fee: Additional fee for specification and drawings in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.   |   |  |         |   |    |
| TOTAL SHEETS  | EXTRA SHEETS  | Number of each additional 50 sheets or fraction thereof (round up to a whole number) | RATE    |   |    |
| 25-100=   | 0/50=   |  | X\$250  |   |    |
| TOTAL OF ABOVE CALCULATIONS =   |   |  |         | \$8460.00   |    |
| Reduction of 1/2 for filing by small entity, if applicable. Applicant claims small entity status under 37 C.F.R. § 1.27   |   |  |         | \$4230.00   |    |
| SUBTOTAL =  |   |  |         | \$4230.00   |    |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 C.F.R. § 1.492(f)).  |   |  |         | +   |    |
| TOTAL NATIONAL FEE =  |   |  |         | \$4230.00   |    |
| Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. §§ 3.28, 3.31). \$40.00 per property.  |   |  |         | +   |    |
| TOTAL FEES ENCLOSED =   |   |  |         | \$4230.00   |    |
|   |   |  |         | Amount to be refunded   | \$ |
|   |   |  |         | charged   | \$ |
| <input checked="" type="checkbox"/> a. Enclosed is a check for \$4230.00 to cover the total fees.<br><input type="checkbox"/> b. Enclosed is a check for [***\$300/\$150**] to cover the basic national stage fee; no other fees are being paid at this time.<br><input type="checkbox"/> c. Please charge my Deposit Account No. 03-2095 in the amount of [***] to cover the above fees.<br><input checked="" type="checkbox"/> d. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 03-2095. |   |  |         |   |    |
| NOTE: Where an appropriate time limit under 37 C.F.R. §§ 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. § 1.137(a) or (b) must be filed and granted to restore the application to pending status.   |   |  |         |   |    |
| SEND ALL CORRESPONDENCE TO:   |   |  |         |   |    |
| Paul T. Clark<br>Clark & Elbing LLP<br>101 Federal Street<br>Boston, MA 02110-2214  |   | Telephone: 617-428-0200<br>Facsimile: 617-428-7045<br>Customer No.: 21559            |         | <br>Signature<br>Paul T. Clark<br>Reg. No. 30,162 |    |
|   |   |  |         | Michael J. Belliver P.D.<br>Reg. No. 52,608   |    |